

GenCore version 4.5
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OM protein - protein search, using SW model

Run on: August 9, 2002, 11:49:28 : Search time 20.7 seconds

(without all elements)
231,276 Million cell updates/sec

Title: US-09-534-376A-8_COPY_32_227

Sequence: 1 FESGILHSDAPFAIPATAY STKMSKLFVTEGVNIIK 156

Scoring table:

BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 231258 seqs, 2442594 residues

Total number of hits satisfying chosen parameters: 231615

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 80%
Listing first 45 summaries

Database:

Issued Patent: AA*
1: /com2/9/ptolpat/47/13/5A/30MP.pat*
2: /com2/9/ptolpat/47/13/5A/30MP.pat*
3: /com2/9/ptolpat/47/13/5A/30MP.pat*
4: /com2/9/ptolpat/47/13/5A/30MP.pat*
5: /com2/9/ptolpat/47/13/5A/30MP.pat*
6: /com2/9/ptolpat/47/13/5A/30MP.pat*

Fired. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	489	46.4	321	US-08-915-795-9	Sequence 9, Appl
2	486	46.4	358	US-08-915-795-9	Sequence 9, Appl
3	478	45.4	325	US-08-915-795-9	Sequence 9, Appl
4	478	45.4	354	US-08-915-795-5	Sequence 9, Appl
5	195	18.5	214	US-08-915-795-5	Sequence 9, Appl
6	195	18.5	215	US-08-915-795-5	Sequence 9, Appl
7	195	18.5	215	US-08-915-795-5	Sequence 9, Appl
8	195	18.5	215	US-08-915-795-5	Sequence 9, Appl
9	195	18.5	215	US-08-915-795-5	Sequence 9, Appl
10	195	18.5	215	US-08-915-795-5	Sequence 9, Appl
11	195	18.5	215	US-08-915-795-5	Sequence 9, Appl
12	195	18.5	215	US-08-915-795-5	Sequence 9, Appl
13	194.5	18.5	231	US-08-915-795-5	Sequence 9, Appl
14	192	18.2	147	US-08-915-795-5	Sequence 9, Appl
15	192	18.2	147	US-08-915-795-5	Sequence 9, Appl
16	192	18.2	191	US-08-915-795-5	Sequence 9, Appl
17	192	18.2	191	US-08-915-795-5	Sequence 9, Appl
18	192	18.2	191	US-08-915-795-5	Sequence 9, Appl
19	192	18.2	191	US-08-915-795-5	Sequence 9, Appl
20	192	18.2	191	US-08-915-795-5	Sequence 9, Appl
21	192	18.2	191	US-08-915-795-5	Sequence 9, Appl
22	190.5	18.1	145	US-08-915-795-5	Sequence 9, Appl
23	190.5	18.1	145	US-08-915-795-5	Sequence 9, Appl
24	190.5	18.1	145	US-08-915-795-5	Sequence 9, Appl
25	187.5	17.8	121	US-08-915-795-5	Sequence 9, Appl
26	187.5	17.8	121	US-08-915-795-5	Sequence 9, Appl
27	187.5	17.8	121	US-08-915-795-5	Sequence 9, Appl

28 187.5 17.8 145 4 5216739-19
29 182.5 17.3 109 4 US-08-915-794-3
30 182.5 17.3 110 4 US-08-915-794-3
31 176 16.7 189 1 US-08-469-427A-15
32 175.5 16.7 190 6 5342571-3
33 172.5 16.4 120 6 5194596-9
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41 164.5 15.6 190 2 US-08-509-0630-20
42 151 14.3 149 1 US-08-469-427A-14
43 151 14.3 149 2 US-08-049-2976-2
44 151 14.3 149 2 US-08-509-0630-21
45 151 14.3 149 4 US-08-795-430-55

ALL ELEMENTS

RESULT 1
1 Sequence 9, Application US-08915795
2 Patent No. 626714
3 GENERAL INFORMATION:
4 APPLICANT: MATTHEW A. WILSON
5 APPLICANT: ANDREW F. WILSON
6 APPLICANT: STEVEN A. STICKER
7 APPLICANT: RALPH A. ALLIANT
8 TYPE OF INVENTION: GROWTH FACTOR
9 NUMBER OF SEQ. NOS.: 11
10 FOREPENDING ADDRESS:
11 ADDRESS: 1200 G Street, NW, Suite 700
12 CITY: Washington
13 STATE: DC
14 COUNTRY: United States of America
15 ZIP: 20005
16 COMPUTER READABLE FORM:
17 MEDIUM TYPE: Floppy disk
18 COMPUTER: IBM PC compatible
19 OPERATING SYSTEM: PC DOS/MS DOS
20 SOFTWARE: Patent Release #1.0, Version #1.25
21 CURRENT APPLICATION DATA:
22 APPLICANT NUMBER: 08/09/794/5,795
23 FILING DATE:
24 CLASSIFICATION: 566
25 ATTORNEY/AGENT INFORMATION:
26 NAME: IVANS, Joseph D.
27 REPRESENTATIVE NUMBER: 26,279
28 TELEPHONE/FAX/TEL NUMBER: 202/4742083
29 TELEPHONE/FAX/TEL INFORMATION:
30 TELEPHONE: (202) 626-0600
31 TELEFAX: (202) 626-8844
32 TRIP: N/A
33 INFORMATION FOR SEQ ID NO. 9:
34 STRATEGY: Characterization
35 LENGTH: 421 amino acids
36 TYPE: amino acid
37 STRANDNESS: single
38 TOPOLOGY: linear
39 MOLECULE TYPE: protein
40 ORIGINAL SOURCE:
41 TISSUE TYPE: Mouse Lung
42 US-08-915-795-9
43 Query Match: 46.4% Score 489 Length 321
44 Database Similarity: 60.9% Fired No. 9645
45 Matches and Conserved Pts: 0% Missed Pts: 0% Prob: 10% Gaps: 0%

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1  RESULT 2
2  05-08 915, 795, B
3  Sequence B, Application US/08915795,
4  Patent No. 6,253,713
5  GENERAL INFORMATION:
6  APPLICANT: MATO G. ACHEN
7  APPLICANT: ANDREW F. WILKS
8  APPLICANT: STEVEN A. STAKER
9  APPLICANT: KATI ALITALO
10 TITLE OR INVENTION: GROWTH FACTOR
11 NUMBER OF SEQUENCES: 11
12 CORRESPONDENCE ADDRESS:
13 ADDRESSEE: EVANSOY, McKEOWN, EDWARDS & LEONARD P.L.L.C.,
14 STREET: 1200 G STREET, NW, Suite 700
15 CITY: Washington
16 STATE: DC
17 COUNTRY: United States of America
18 ZIP: 20005
19 COMPUTER READABLE FORM:
20 MEDIUM TYPE: Floppy disk
21 COMPUTER: IBM PC compatible
22 OPERATING SYSTEM: PC DOS/MS-DOS
23 SOFTWARE: Patented to Bio-Base #1.0, Version #1.25
24 CURRENT APPLICATION DATA:
25 APPLICATION NUMBER: 05-08915, 795
26 FILING DATE:
27 CLASSIFICATION: 546
28 ATTORNEY/AGENT INFORMATION:
29 NAME: EVANS, Joseph D.
30 REGISTRATION NUMBER: 26,269
31 REFERENCE TO OTHER WORKS: 1061,42903
32 TELECOMMUNICATION INFORMATION:
33 TELEPHONE: (202) 628-8600
34 TELEFAX: (202) 628-8644
35 TELETYPE: N/A
36 INFORMATION FOR SEQ ID NO: B:
37 SEQUENCE CHARACTERISTICS:
38 LENGTH: 568 amino acids
39 TYPE: amino acid
40 STRANDEDNESS: single
41 TOPOLOGY: linear
42 MOLECULE TYPE: protein
43 ORIGINAL SOURCE:
44 TISSUE TYPE: Mouse lung
45 05-08 915, 795, B
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1 RESULT 4
2 US 08 915 795 4
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4 25. Input No. 4, Application US/08015795
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6 1. Patient No. 4, 45714
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8 2. GENERAL INFORMATION:
9
10 APPLICANT: MATTHEW G. WILKINS
11 APPLICANT: ANDREW F. WILKINS
12 APPLICANT: STANLEY A. STARKER
13 APPLICANT: KATH ALITALO
14 TITLE OF INVENTION: GROWTH FACTOR
15 NUMBER OF STUDENTS: 11
16
17 CARRIER NAME ADDRESS:
18
19 ADDRESS: EVANSON, McKEOWN, EDWARDS & LONDON P.L.C.
20 STREET: 1200 G Street, NW, Suite 700
21 CITY: Washington
22
23 STATE: DC
24
25 COUNTRY: United States of America
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27 ZIP: 20005
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29 3. COMPUTER READABLE FORM:
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31 MEDIUM TYPE: floppy disk
32 COMPUTER: IBM PC compatible
33 OPERATING SYSTEM: PC DOS/MS DOS
34 SOFTWARE: Patent In Rejection #1.0, Version #1.25
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36 CURRENT APPLICATION DATA:
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38 APPLICATOR NUMBER: US/08015795
39
40 FILING DATE:
41
42 CLASSIFICATION: 546
43
44 ALTERNATIVE INFORMATION:
45
46 NAME: EVANS, Joseph D.
47
48 REGISTRATION NUMBER: 26,269
49
50 REFERENCE NUMBER: 1,644,2984
51
52 TELECOMMUNICATION INFORMATION:
53
54 TELEPHONE: (202) 628-8800
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56 TELEFAX: (202) 628-8844
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58 TELETYPE: N/A
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60 INFORMATION FOR SEQ ID NO: 4:
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62 SEQUENCE CHARACTERISTICS:
63
64 LENGTH: 425 amino acids
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66 TYPE: amino acid
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68 STRANDEDNESS: single
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70 TOPOLOGY: linear
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72 MODEL TYPE: protein
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74 HYPOTHECAL: NO
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76 ORIGINAL SOURCE:
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78 TISSUE TYPE: Human breast
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80 US 08 915 795 4
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07      61 VHSITR 67  
1db     199 PYSTTR 205  
  
RESULT      2  
US 08 915-795-B  
Sequence B, Application US/08915795  
Patent No. 6295715  
GENERAL INFORMATION:  
1 APPLICANT: MATE S., ACHEN  
2 APPLICANT: ANDREW P. WILKS  
3 APPLICANT: STEVEN A. STACKER  
4 APPLICANT: KATI ALLATO  
5 TITLE OF INVENTION: GROWTH FACTOR  
6 NUMBER OF SEQUENCES: 11  
7 CORRESPONDENCE ADDRESS:  
8 ADDRESSEE: EVANSON, McKOWN, Edwards & Landman P.C.L.P.C.  
9 STREET : 1200 G Street, NW, Suite 700  
10 CITY: Washington  
11 STATE: DC  
12 COUNTRY: United States of America  
13 ZIP: 20005  
14 COMPUTER READABLE FORM:  
15 METHOD TYPE: Floppy disk  
16 COMPUTER: IBM PC Compatable  
17 OPERATING SYSTEM: pc DOS/MS-DOS  
18 SOFTWARE: Patented Release #1.0, Version #1.25  
19 CURRENT APPLICATION DATA:  
20 APPLICATION NUMBER: US/08/915,795  
21 FILING DATE:  
22 CLASSIFICATION: 546  
ATTORNEY/AGENT INFORMATION:  
NAME: |EVANS, Joseph D.  
REGISTRATION NUMBER: 26,269  
REFERENCE/PACKET NUMBER: 104,42984  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 628-8808  
TELEFAX: (202) 628-8844  
TELEX: N/A  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 458 amino acids  
TYPE: amino acid  
STRUCTURE: single  
TOPOLOGY: linear  
MULTIPLE TYPE: protein  
ORIGINAL SOURCE:  
TISSUE TYPE: Mouse lung  
US 08 915-795-B
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1 Patent No. 2,457,114
2
3 GENERAL INFORMATION:
4 APPLICANT: MATTHEW F. ATHERN
5 APPLICANT: MATTHEW F. ATHERN
6 APPLICANT: STEVEN A. SLACKER
7 APPLICANT: KATH ALITALO
8 TITLE OF INVENTION: GROWTH FACTOR
9 NUMBER OF SEQUENCES: 11
10 CORRESPONDENCE ADDRESS:
11 ADDRESSEE: EVANSON, MCKOWN, EDWARDS & LONDON P.C., P.C.
12 STREET: 1200 G STREET, NW, Suite 700
13 CITY: Washington
14
15 STATE: DC
16 COUNTRY: United States of America
17
18 ZIP: 20005
19
20 COMPUTER READABLE FORM:
21 MEDIUM TYPE: Floppy disk
22 COMPUTER: IBM PC compatible
23 OPERATING SYSTEM: PC DOS/MS-DOS
24 SOFTWARE: Patent to be issued #1.0, Version #1.25
25
26 CURRENT APPLICATION DATA:
27 APPLICATION NUMBER: PC/9002015, 795
28 FILING DATE:
29 CLASSIFICATION: 5,46
30
31 ATTORNEY/AGENT INFORMATION:
32 NAME: EVANS, Joseph D.,
33 REPRESENTATION NUMBER: 26, 269
34 REFERENCE: Evans, Joseph, 1984, 4, 2083
35 TELECOMMUNICATION INFORMATION:
36 TELEPHONE: (202) 628 8800
37 TELEFAX: (202) 628 8844
38 TELETYPE: N/A
39
40 INFORMATION FOR SEQ ID NO: 1:
41 SEQUENCE CHARACTERISTICS:
42 LENGTH: 425 amino acids
43 TYPE: amino acid
44 STANDARDS: standard
45 MOLECULE TYPE: protein
46 HYDROLYZABLE: No
47 ORIGIN: SOURCE:
48 ORGANISM: HUMAN
49 TISSUE TYPE: Human breast
50 OS: 08 915 795 4

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1  SOFTWARE: Patient In Release #1.0, Version #1.
2  CURRENT APPLICATION DATA:
3  APPLICATION NUMBER: US-09/060,811
4  FILING DATE: HEREWITH
5  CLASSIFICATION:
6  PRIOR APPLICATION DATA:
7  APPLICATION NUMBER: US-08/207,550
8  FILING DATE: 8 MAR 1994
9  PRIOR APPLICATION DATA:
10 APPLICATION NUMBER: US-08/465,968
11 FILING DATE: 06 JUN 1995
12 ATTORNEY/AGENT INFORMATION:
13 NAME: MARKOWITZ, KAREN R.
14 REGISTRATION NUMBER: 36,351
15 REFERENCE/BOOKET NUMBER: 1488,1000004
16 TELECOMMUNICATION INFORMATION:
17 TELEPHONE: (202)371,2600
18 TELEFAX: (202)371,2540
19 INFORMATION FOR SPO. TO NO. 1:
20 SEQUENCE CHARACTERISTICS:
21 LENGTH: 242 amino acids
22 TYPE: amino acid
23 STRANDS: single
24 TOPOLOGY: not relevant
25 MOLECULE TYPE: protein
26 US-09/060,811 7

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